

ABSTRACT OF THE DISCLOSURE

The femoral component of a knee prosthetic includes a trochlean part (3) and at least one, but preferably two condyles (2) wherein a trochlean trajectory is defined within the external surface of the component by the trochlea. A set of internal flat sides (5, 6, 7, 8 and 9) are implemented to make contact with corresponding re-cut sides of the extremity of the femur and define an internal open cage within the internal surface of said component and further define edges (15, 16, 17 and 18) between themselves. The perpendicular projection (4) of said trochlean trajectory in the medial lateral perspective of said femoral component has a tilt angle (α) with a value different from zero relative to the line (23) perpendicular to the perpendicular projection of said edges in said medial lateral perspective.